SYSTEM AND METHOD FOR MITIGATING DATA FLOW CONTROL PROBLEMS IN THE PRESENCE OF CERTAIN INTERFERENCE PARAMETERS

ABSTRACT OF THE DISCLOSURE

A radar, or other repetitive interference, detection and data flow control system and method for RF data transmissions uses an RF detector and an omni directional antenna to detect radar or similar signals. The information from the RF detector is communicated to a hub data transmission unit which processes the data about the signal provided by the detector. This information is used by the hub to schedule communications between the hub and subscriber units so that none of the communications between the hub and subscriber fall within the time period of the interfering pulses. Although there are no communications during the time periods of the pulses, the efficiency of communications is improved because collisions and retransmission of data are avoided.